

AMENDMENT TO THE CLAIMS

CLAIM 1 (original):

1. Apparatus for cooling electronic equipment, comprising  
at least two sources of cool air;  
a damper in series with each of said sources;  
sensors to detect unsatisfactory cooling air being received from each of the  
sources;  
each damper controlled by a switch; and  
a processor responsive to signals from said sensors for controlling the operation of  
said dampers in such a way as to provide satisfactory cooling air to said electronic  
equipment.

CLAIM 2 (original):

2. The apparatus of claim 1 further comprising:  
a main controller for controlling a plurality of said apparatus for cooling  
electronic equipment, said main controller for providing over-ride signals to the  
processors of each of said apparatus to ensure that special critical equipment is  
adequately cooled in the presence of adverse conditions.

CLAIM 3 (original):

3. The apparatus of claim 2 further comprising:  
a control console for applying control signals to said main controller.

CLAIM 4 (original):

4. The apparatus of claim 2 wherein said main controller responds to a brownout  
signal by sending equipment shut down signals to preselected ones of said plurality of  
apparatus.

CLAIM 5 (original):

5. The apparatus of claim 2 wherein said main controller responds to a  
brownout signal by sending damper control request signals to preselected ones of said  
plurality of apparatus.

CLAIM 6 (original):

6. The apparatus of claim 1 further comprising:  
a shutoff switch to cause said processor to shut down said electronic equipment.

CLAIM 7 (original):

7. The apparatus of claim 1 wherein only one of said damper switches is normally open.

CLAIM 8 (original):

8. The apparatus of claim 7 wherein two of said damper switches can be open.

CLAIM 9 (original):

9. A method for cooling electronic equipment, comprising:  
providing at least two sources of cool air;  
providing a damper in series with each of said sources;  
detecting unsatisfactory cooling air being received from each of the sources by means of sensors;  
controlling each damper by a switch; and  
responsive to signals from said sensors, analyzing said signals for controlling the operation of said dampers in such a way as to provide satisfactory cooling air to said electronic equipment.

CLAIM 10 (original):

10. The method of claim 9 further comprising:  
providing a main controller for controlling a plurality of said apparatus for cooling electronic equipment, for generating over-ride signals to ensure that special critical equipment is adequately cooled in the presence of adverse conditions.

CLAIM 11 (original):

11. The method of claim 10 further comprising:  
applying control signals to said main controller from a control console.

CLAIM 12 (original):

12. The method of claim 10, further comprising the step of:  
responding to a brownout signal by sending equipment shut down signals to preselected apparatus.

CLAIM 13 (original):

13. The method of claim 10 wherein said main controller responds to a brownout signal by sending damper control request signals to preselected apparatus.

CLAIM 14 (original):

14. The method of claim 9 further comprising:  
operating a shutoff switch to cause said electronic equipment to be shut down.

CLAIM 14 (currently amended):

15. The method of claim ~~10~~ 9 wherein only one of said damper switches is  
normally open.

CLAIM 16 (original):

16. The method of claim 15 wherein two of said damper switches can be open.